

Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12

Volume 3, No. 29

OAK RIDGE, TENNESSEE

Tuesday, August 2, 1949

Security Hit By Accident In Article

How some scientists may endanger the security of the atomic energy program with absolutely no intention of doing so is revealed in a publication of the Atomic Energy Commission entitled "Taking A Chance" that explains the need of the security provisions of the commission.

The publication points out that a graduate student, temporarily employed by one of the commission's Office of Directed Operations, was admitted to an important and restricted seminar on nuclear physics. To the physicists attending, the instructor revealed certain of the latest and secret important developments in nuclear science. At the end of the course every student submitted his notebooks to the local declassification staff, which deleted all reference to restricted data in the books or kept all notebooks that contained exclusively classified information.

Went To Work On Article

The graduate student, called Mr. X, knew that if he could publish a document embodying unclassified aspects of what he had recently learned he could make a significant contribution to the literature of nuclear science. He went to work on an article of 200 pages.

So far he had only done what the AEC would heartily approve as he was furthering scientific progress and aiding the commission in its program of informing the public on atomic energy matters. The commission was ready to aid him toward publication by reading and declassifying what he had written if that were possible.

Forgot Memory Not Deleted

However, something happened. Mr. X believed that for some reason the commission needed no previous notice of his intent. Possibly, he reasoned that because authorities had removed all secret data from his notebooks he was free to use in any way everything that remained. He forgot, of course, that they had not deleted his memory and that everything that he wrote might be flavored by that memory.

Possibly he argued he knew the difference between classified information and unclassified and that he did not have to turn to the commission. Anyway, he made up 50 copies of his article and distributed a few among scientific acquaintances and colleagues in an industrial laboratory. He sent a few copies to publishers, who promptly rejected

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Photosynthesis Set As Seminar Topic

Dr. W. A. Arnold, of the Biology Division of the Oak Ridge National Laboratory, will discuss photosynthesis at the weekly meeting of the Oak Ridge Physics Seminar at 4 o'clock Friday afternoon in the East Lounge of the Ridge Recreation Hall. Dr. Arnold will speak on the simple phenomena association with photosynthesis with particular emphasis on the energy transfer in the process.

Murray Is Speaker At U-T Seminar

Raymond Murray, of the Y-12 Electromagnetic Research Laboratory, spoke at a meeting of a physics seminar held at the University of Tennessee in Knoxville, July 25. His subject was "Steady-State Low Pressure Arc Discharge."



Y-12 Photos By Vince Moore

PAT HAMRICK (REAL NAME PASCHAL), OF THE EMPLOYEE Relations Department, is celebrating his sixth anniversary as a Y-12 employee today, August 2, and close behind him in employment longevity is Briscoe Ivy, of the same department. So last week George McNamee, cafeteria superintendent, provided Pat and Ivy an anniversary cake. What happened then is graphically pictured above. Jamie Goodman, cafeteria baker who prepared the pastry, is shown at top presenting it to the drooling Pat, left, and ready to carve Ivy. Then in the center picture Pat and Ivy get ready to blow out the six candles and wish each other good luck. "Oh brother," they declare in praise of the cake as they happily munch it in the lower picture. Pat takes no chances on losing any of the tasty icing.

ACS And Departmental Picnics At Big Ridge To Attract Y-12ers

Chemists of Y-12 and members of their families are in training this week for a pair of picnics to be staged on successive Saturdays at Big Ridge State Park.

The first event will be the annual mid-summer picnic of the East Tennessee Section of the American Chemical Society, scheduled for Saturday, August 6. Then on the following Saturday employees in Dept. 2300, Chemical Research; and Dept. 2270, Technical Service Laboratory; are planning an outing of their own at the same location.

About 200 Guests Expected

Approximately 200 guests are expected at the American Chemical Society party on Saturday of this week. The East Tennessee Section of the ACS has 630 members, about 15 per cent of whom are Y-12 employees. Three Y-12ers are on a committee making plans for the

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Can You Top This?

Hamrick, Ivy Celebrate Six Years On Job In Y-12 Without Single Absence

Back in August, 1943, there were dire days in the world. World War II was raging in Europe and the Pacific where the Allies and the Axis were striving for domination. In Oak Ridge there was mud, dust and bustle—there was gasoline rationing throughout the nation and other wartime restrictions.

In the midst of this confusion two men came to work for the Y-12 organization. They have been here ever since and what's more remarkable neither has missed a day of work since going on the payroll, up to press time of The Y-12 Bulletin last week.

These two men are Paschal (Pat) Hamrick and Briscoe Ivy, both of Dept. 2109, Employee Relations. Hamrick is an interviewer in the Employment Office while Ivy is a chauffeur for the department.

Hamrick's sixth anniversary of coming to work is today—August 2. Ivy is just 24 days behind Hamrick, coming to work on August 26, 1943.

Given Anniversary Party

So in honor of the really exceptional attendance records of both these veteran Y-12ers, Cafeteria Superintendent George McNamee last week tendered the pair an "anniversary party." Cafeteria baker Jamie Goodman turned out a pastry masterpiece in the form of a birthday cake, containing six candles and inscribed with "Happy Anniversary, Pat and Ivy." Then for the benefit of The Y-12 Bulletin and its photographer Hamrick and Ivy partook of the cake and found it delicious, as they show in pictures accompanying this story.

Back in the 1943 days the newspapers were screaming headlines of progress of the war in Europe and the Pacific. Royal Air Force bombers were blasting Germany—Italy was on its last legs as an Axis member and its troops were being chased across Sicily by Americans and British. In those days there was little news of Oak Ridge because of the veil of secrecy drawn

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Atomic And Nuclear Physics Meeting Set

A two-weeks symposium on modern atomic and nuclear physics, first ever held in the South, will be given here from August 22 to September 2 under the joint auspices of the Oak Ridge National Laboratory and the Oak Ridge Institute of Nuclear Studies.

Eight distinguished atomic physicists will conduct the symposium. It is being offered to give physicists in Oak Ridge and Southern universities an opportunity to keep abreast of the latest developments in atomic theory and research, consistent with sound security practices.

Among the symposium speakers are Dr. Alvin M. Weinberg, atomic scientist who directs the research program at Oak Ridge National Laboratory; Dr. Karl Lark-Horowitz, professor of physics at Purdue University, an international figure in his field and a consultant to Oak Ridge National Laboratory; Dr. Sergio DeBenedetti, Italian scientist who fled from Paris to this country just ahead of the German occupation in 1940; and Dr. S. M. Dancoff, professor of physics at the University of Illinois.

Dr. Russel S. Poor, chairman of the University Relations Division of the Oak Ridge Institute, said that approximately 75 physicists were expected to attend the symposium.

Research Laboratory Tops In Attendance

Dept. 2320, Electromagnetic Research Laboratory, took over first place in the Major League of Y-12 departments with more than 50 employees scheduled when attendance records were compiled for the week ending July 24. This department had an absentee mark of an even one per cent and jumped from second place held the previous week.

In second place was Dept. 2077, Electrical Equipment Repair and Maintenance, which had held the top position since the week ending May 29. The repairmen had an absentee record of 1.1 per cent for the week ending July 24. A newcomer to the top brackets was Dept. 2014, Buildings and Grounds, which reported 1.2 per cent of its personnel absent for the period. This department was in 11th place the preceding week.

Seven Departments "All Present"

Seven departments, all in the Minor League of departments with from 15-49 employees scheduled, reported perfect attendance records for the week ending July 24. Of these only one, Dept. 2009, Maintenance Automotive Equipment, was a repeater from the previous week.

Joining Dept. 2009 with "all present" records were Dept. 2743, Steam Plant; Dept. 2739, Uranium Control and Computing; Dept. 2096, Laundry; Dept. 2064, Research Engineering; Dept. 2133, Manufacturing Offices; and Dept. 2143, Receiving and Shipping.

Holding second place from the preceding week were the firemen of Dept. 2093, which reported an absentee mark of .8 per cent. In third place was Dept. 2107, Cafeteria and Canteens, with an absentee figure of .9 per cent. This group advanced from 13th place held for the week ending July 17.

The Y-12 plant absentee record

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Junior High School To Get New Lights

The low bid for installing fluorescent lighting equipment and painting all classrooms, corridors and offices at the Jefferson Junior High School has been submitted by James E. Hawkins, of Petersburg, Va. The proposal of \$38,635 covers the painting and installation of approximately 1,300 fixtures in the school. The work will be completed in 60 days in time for school opening.

'The Lady Vanishes' Film Body Offering

The Oak Ridge Film Society will present the moving picture, The Lady Vanishes, at 8 o'clock Friday night, August 5, at the Oak Ridge High School auditorium. All members of the society and guests are invited to attend the showing.

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Without A Lost Time
Accident
THROUGH JULY 28

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Hamrick, Ivy Observe Sixth Anniversary

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across the Clinton Engineer Works project, as it was then called. One news story told of the Louisville and Nashville Railroad running three trains daily to Oak Ridge from Knoxville to carry passengers to and from work at the new "war plant."

Commuted From Harriman

When Hamrick first came to work August 2, 1943, he was living at Harriman. His first assignment was that of assistant chief investigator under John Price when between 300 and 400 employment interviews were being given daily to applicants for jobs in Y-12. He commuted from Harriman daily for more than two years before finally moving to Oak Ridge, where he now lives.

Hamrick has had two narrow escapes from incidents that nearly shattered his perfect attendance record. Once a flood blocked roads from Harriman to Oak Ridge, but he managed to get through to the Knoxville office by a round about route.

Then just a few months ago Hamrick came to work with an extremely sore throat.

Thought He Had Mumps

"I thought my record was a goner," Pat explained. "I really believed I had the mumps. I went to the hospital, however, and a doctor sprayed my throat and told me I just had a gland swelling. So I came back to work the next day."

Ivy was an employee of a Knoxville knitting mill before coming to work. Since joining the Y-12 organization he has traveled far and wide. During the war years he drove busses on employee recruiting trips and journeyed from Kingsport, Tenn., as far as Little Rock, Ark., on such assignments. Now he makes daily round trips to and from Knoxville on Company business in addition to his commuting trips daily to and from work.

Just how many prospective Y-12 employees these two have handled in their official line of work during the six years they have been here neither can estimate, nor does Ivy attempt to guess how many hundreds of thousands of miles he has driven.

Naturally, both are proud of their six years of work for Y-12 without a day's work lost and are looking forward to an indefinite continuance of the record.

ACS, Departmental Picnics Draw Y-12ers

(Continued from Page 1)

event as Jesse M. Herndon is a member of the social committee, H. P. House is on the arrangements committee and Joe Williams will draw suitable posters for the picnic.

These committeemen have announced that in case of inclement weather or other reason for postponing the picnic set for August 6 announcements will be made over Oak Ridge Radio Station WATO and Station WBIR, of Knoxville, at 10 a.m. on the morning of the affair.

Usual Picnic Programs Arranged

At both this affair and the departmental event, the usual program of picnic fun will be observed. Arrangements for the departmental picnic are being made by C. D. Susano, Leo Brady, H. P. House, John Reece, Claude Haws and Keith Brown.

Strictly Confidential..

Alice Elder, Dept 2282, and her husband, Bill, have returned from an interesting vacation trip through the West. One of the major points visited was the Will Rogers Shrine atop Cheyenne Mountain near Colorado Springs, Col., where they posed for the accompanying snapshot in front of the bronze



bust of the great American, Will Rogers. The Elders were gone two weeks and enjoyed visits to the noted Black Hills of South Dakota, Yellowstone National Park with its "Old Faithful" geyser, Salt Lake City, Denver, Wichita, Tulsa and Memphis.

Now comes Forrest Clark, Superintendent of the Y-12 Analytical Laboratory, as one of the most recent members of the Proud Papa Club. In honor of the arrival of an eight-pound, three and one-half ounce son July 21, Forrest was passing around cigars last week with the admonition, "If these make you as sick as I am proud—Oh brother." The youngster has been named William Kent Clark—and Pop 'lows as how if anybody calls him "Willie" the latest member of the Clark family will be in condition to properly take care of himself.

C. R. Cooper, Dept. 2015 is visiting points of interest in Virginia, during his vacation . . . C. C. Parson is vacationing in Alabama and is hoping to do a lot of fishing—watch out for the fish tales . . . F. H. Marrow was on the vacation list last week . . . C. F. Pirkle is spending his vacation at the bedside of his young daughter who is ill in the hospital in Cleveland, Tenn. The department extends get well wishes . . . A. A. Groppe and his wife are entertaining their daughter and three grandchildren from Dubuque, Iowa, who are in Oak Ridge for a month's visit.

J. W. Jackson, Dept. 2093, was furnishing the fellows in the Fire Department with cigars last week. Why?—Celebrating the arrival of the sixth son to the Jackson family. The youngster, whom they named Jerry Allen, weighing seven pounds and 14 ounces, was born July 25 . . . Jerry Hasting is spending a quiet vacation in Oak Ridge . . . M. F. Thacker is vacationing with his family in Oliver Springs . . . W. R. McGill is resting at his home in Maryville.

Joe White, Dept. 2109, took his pen in hand down at St. Petersburg, Fla., last week to drop a postal card to his colleagues in which he complained that West Coast mosquitoes showed a distinct preference for his shanks than those of more succulent victims. He likewise addressed the card on the wrong side and boasted of wearing flowered shorts to the beach—whoops, what's going on down there? . . .

George W. Dobbs, editor of The Y-12 Bulletin is vacationing this week—in Florida again. During his absence Marc Sims, former assistant editor of The Y-12 Bulletin and now editor of the Oak Ridge National Laboratory News, will do a job of pinch hitting . . . Avo Hammond is vacationing in Los Alamos, N. M. . . . Naomi Smelcer has a snazy looking tan which she received while vacationing in Daytona Beach, Fla. . . .

Dept. 2200 is glad to hear June Messer is well on the road to recovery after undergoing an operation at St. Mary's Hospital in Knoxville.

J. H. Conner, Dept. 2091, is spending these hot summer days vacationing in Gatlinburg . . . F. L. Hammer plans to drop in on relatives in Morristown, Tenn., and Atlanta during his vacation . . . W. E. Honeycutt vacationed with rela-

tives in Knoxville and Lake City . . . H. J. Ballew made a vacation trip to Mt. Dora and St. Augustine Fla., . . . While on vacation A. A. Pierce visited with friends and relatives in Johnson City and Elizabethton, Tenn. . . . H. L. Montooth is resting at his home in Sweetwater . . . Vacation time finds C. H. Vance and his family taking in the ocean breeze at Daytona Beach . . . T. H. Allison is visiting points of interest in South Carolina during his vacation. . . T. B. Osborne is vacationing with relatives in West Tennessee . . . Damon Nelson and J. H. Russell are back on the job after vacationing . . . M. L. Sullivan is on the vacation list.

Desma Hutcheson, Dept. 2115, and some girl friends spent a recent week end at a Baptist camp at Harrison State Park near Chattanooga . . . During their vacation Lucile Whitman, Dept. 2115, and her husband, Graydon, Dept. 2360, traveled to New York and saw Niagara Falls both from the Canadian and the New York sides and visited with Graydon's parents in Fostoria, Ohio.

All of Y-12 extends deepest sympathy to Dr. E. D. Shipley and members of his family over the death of Dr. Shipley's father, Edward B. Shipley, Monday, July 25, in Knoxville. The elder Shipley was mayor of Fairview, Ohio, and on a visit to his son here when he died. The body was returned to Fairview for funeral services and burial. Dr. Shipley is Director of Research and Development in Y-12.

Frank "Red" Darby, Dept. 2077, and his wife returned recently from a vacation spent visiting points of interest in the Southwest. Some of the places they visited included Hot Springs, Ark. In Texas they visited in Waco, Ft. Worth and Houston, traveled through Mississippi, New Orleans, La., and came back via Alabama. Red remarked to his fellow employees on his return that his new maroon convertible Plymouth couldn't bring him back to good old cool Tennessee fast enough after being in 105 degree temperature in Texas and along the Gulf Coast.

E. B. Gilliard and H. L. Spurgeon are on the vacation list in Dept. 2008.

Ruby Jones, Dept. 2616, traveled to Detroit, Mich., to visit with her sister . . . Opal Hamilton is back on the job after a restful vacation spent at Cherokee Lake . . . R. A. Moore visited in Kingston, Tenn., during his vacation . . . Billie Ramsey is taking life easy in Asheville, N. C. . . . Clarence and Elizabeth Harris are taking in the ocean breeze at Myrtle Beach, S. C.

A. F. Kendig, Dept. 2008, and his family returned recently from a vacation spent taking in the mountain breezes in the Smokies.

Reported vacationers in Dept. 2014 are Stewart Hatcher, R. R. Deathridge, L. T. Coleman, Esco Gadsdon, J. W. Raines, Roscoe Roberts and R. L. Martin . . . C. B. Hopkins and his family are vacationing at Silver Springs, Fla. . . . Roy Vinyard traveled out Texas way while on vacation.

H. F. Eubanks, Dept. 2143, plans to toil on his farm near Knoxville during his vacation . . . Paul Snodgrass and his family had as recent guests his parents from Johnson City.

Charles Fritts, Dept. 2144, plans to spend his entire vacation seeing all there is to see in Detroit, Mich. . . . W. L. McNabb and his family are visiting with relatives in Newport, Tenn. . . . During his vacation C. E. Beckham plans to move to the Beckhams' new home near Knoxville and also hopes to find time to go on a fishing trip to Lexington, Ky. Sounds like a packed vacation.

Betty Butler, Mozelle Kennedy and Winnie Miller, all of Dept. 2109, and Neta Butler, Dept. 2115, made a week-end trip to Gatlinburg, and the girls are still complaining about the public pest, chiggers, which they encountered.

Emma Puckett, Dept. 2142, had as recent guests her sister, Mrs. Aline Harold, and her son, Bailey, of Louisville, Ky., and her nephew, Kenneth Thompson, of Shelbyville, Ky. . . . W. C. Davis spent a recent vacation in Panama City, Fla. . . .



Mrs. Francis Kenneth Booth



Three births were reported at the Oak Ridge Hospital to Y-12 families recently. Parents were Mr. and Mrs. Paul E. Wilkerson, a daughter and Mr. and Mrs. Robert F. McKee, a daughter, both born July 21; Mr. and Mrs. William T. McBryde, a son, July 26.

Mary Nell Smith returned recently from a vacation spent in St. Petersburg, Fla. . . . T. S. Curtis made a week-end trip to Kingsport to visit with relatives.

W. A. Monroe, Dept. 2107, is back on the job after a quiet vacation at his home in Knoxville. Sarah Keith, Dept. 2133, is back on the job after a restful vacation at her home in Knoxville . . . Birdie Fitzgerald was in Philadelphia last week visiting with relatives . . . C. L. Bratcher and his family made a jaunt to McMinnville, Tenn. . . . Olyne Poindexter is visiting with friends in Grand Haven and Detroit, Mich. . . . Howard Efty and his family made a recent trip to Raleigh, N. C. . . . Clyde Ferrell, Dept. 2133, and her husband, George, Dept. 2003, made a week-end trip to Dadeville, Ala., to visit with relatives . . . W. K. Palmer is vacationing in St. Louis, Mo. . . . Wilber Hamby traveled to Nashville to spend his vacation.

Get well quick wishes are extended to A. C. Lee, Dept. 2619, who continues ill . . . M. G. Cook spent a quiet vacation in Knoxville. J. C. Thomason, Dept. 2283, and his family took a vacation trip to New York state and Boston, Mass., recently . . . Ozelle Pass, Alean Rutland and May Carson spent the past week end in Nashville . . . Agnes Johnson vacationed in Myrtle Beach . . . Roger Hibbs and his family have returned from a vacation spent visiting points of interest in Illinois . . . D. L. Glover made a tour of the states of Virginia and North Carolina during his vacation . . . Annia Rogers is visiting with home folks in South Carolina.

Ray Barron, Dept. 2200, made a trip to Appleton, Wis., last week. L. M. Thompson, Dept. 2611, has returned from a vacation spent in Pineville, Ky. . . . A. K. Bowles is vacationing in Daytona Beach, Fla.

F. G. Killian, Dept. 2360, and his family are vacationing in Jacksonville, Fla. . . . Paul Wilkerson is the proud papa of a baby girl, Wendla, weighing six pounds and 14 ounces, born July 28. L. F. Hemphill, Dept. 2064, spent a restful vacation at home in Oak Ridge.

J. W. Strohekcer, Dept. 2060, spent his vacation up Pennsylvania way . . . H. L. Martin had as recent guest his brother from Omaha, Neb. . . . W. T. Jones spent a recent vacation in Sweetwater, Tenn.



BOOTH - ROBERTS

Miss Elizabeth Louise Roberts, former Y-12 employee, became the bride of Francis Kenneth Booth, employed with the Naval Research Laboratory in Washington, D. C., at 4 p.m., July 23, at the Chapel-On-The-Hill with the Rev. J. R. Black officiating.

The bride is the daughter of Mr. and Mrs. J. H. Roberts, of Pikeville, Tenn. Booth is the son of Rev. Moody Booth, of Bainbridge, Ga., and the late Mrs. Booth.

At her wedding the bride wore a white marquisette gown fashioned with illusion yoke, outlined with duchess lace and a finger tip veil held in place by a tiara of orange blossoms. She carried a white prayer book topped with a white orchid. The church was decorated with white gladioluses and ferns grouped with brass candelabra.

Miss Bernice Roberts, sister of the bride, was maid of honor. She wore a gown of cameo pink marquisette with matching hat and carried a bouquet of blue carnations. Bridesmaids were Lois Parker and Ruby Hayes and they wore blue marquisette gowns with matching hats and carried bouquets of pink roses.

William Werner, of Washington, D. C., was best man. Ushers were Granville Dye and James Wild, both of Oak Ridge.

The bride was given in marriage by her brother, Gordon Roberts, of Pikeville, and during the double ring ceremony Reva Lawson sang nuptial music including "I Love You Truly," "Because," and "Oh Promise Me." She was accompanied on the organ by Mrs. L. A. Smith.

Following the ceremony a reception was held at the home of the bride's sister, 144 Vandalia Road, Oak Ridge.

After a honeymoon trip the couple will make their home in Washington, D. C.

Research Laboratory Tops In Attendance

(Continued from Page 1)

as a whole was 2.2 per cent for the week ending July 24, an increase of .2 per cent. The record, by departments, follows:

MAJOR LEAGUE			
More than 50 Employees Scheduled			
Dept.	Absent Percentage	Standing	7-24-49 7-17-49
2320	1.0	1	2
2077	1.1	2	1
2014	1.2	3	11
2360	1.3	4	3
2283	2.0	5	7
2142	2.7	6	10
2300	2.8	7	6
2003	2.9	8	12
2091	3.07	9	5
2282	3.08	10	9
2616	3.5	11	8
2015	3.7	12	4

MINOR LEAGUE			
15-49 Employees Scheduled			
Dept.	Absent Percentage	Standing	7-24-49 7-17-49
2009	0.0	1	1
2743	0.0	1	3
2739	0.0	1	4
2096	0.0	1	8
2064	0.0	1	8
2133	0.0	1	9
2143	0.0	1	10
2093	0.8	2	2
2107	0.9	3	13
2060	1.25	4	14
2109	1.25	4	1
2002	1.25	4	5
2001	1.8	5	6
2090	2.4	6	1
2619	2.9	7	12
2260	3.2	8	-
2005	3.7	9	11
2008	5.0	10	1
2270	5.6	11	-
2140	5.9	12	7

The plant average for the week ending July 24, was 2.2 per cent, .2 per cent higher than the preceding week.

Hospital List

The following Y-12 employees were patients at the Oak Ridge Hospital recently: Yale E. Payne, Dept. 2133; Charles J. Barton, Dept. 2300; Boyd Haney, Dept. 2743; Mary F. Williams, Dept. 2001.

Never allow a broken step to remain in that condition.

Score by innings follows:

Team		R	H	E
Y-12	2 0 0 0 0	2	3	2
Knoxville	0 0 0 1 2	3	3	1

Batteries: Y-12, Sise and Hale. Knoxville, E. Hawkins and Huffaker.

Five innings by agreement.

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Uranium Rush Is On But So Far No \$10,000 Bonus Has Been Paid Out For Finding Worthwhile Lode

The uranium rush is on, according to the magazine Science Illustrated in a recent issue, as hopeful prospectors are sending samples of uranium ore to the Atomic Energy Commission in hopes of collecting the \$10,000 offered for discovery of a lode worthy of commercial exploitation. Most of these samples are being received from the West and the Commission's raw materials laboratory in New York report packages from would-be uranium hunters arrive at a rate of about a dozen a day from all parts of the nation.

However, the Commission's raw materials laboratory reports that more than 1,500 samples have been tested but so far no big finds have been made and no \$10,000 bonus payments have been made.

Canada May Duplicate Offer
Not only in the United States

is the uranium fever booming as the Toronto Star has reported that the Canadian Government has been urged to duplicate the offer of the AEC of \$10,000 for discovery of worthwhile uranium deposits. Meanwhile, Business Week magazine says that one of the biggest prospective rushes since Klondike days is expected soon on the northern shores of Lake Superior in Canada north of Sault Ste. Marie and planes are crossing the border daily in quest of uranium.

A few senders of samples are woefully weak in the mineralogy department—the woman, for example, who sent in a chunk of concrete from the foundation of her house because the “basement walls were always hot.” But most of those in the hunt know their business, and each believes, probably, that he will strike it rich.

Would Mystify Veteran Prospectors

The uranium rush has a jeep- and Geiger-counter flavor that would mystify a veteran prospector. In fact, uranium's rise to fame is so recent that few of today's citizens know how to look for it. What you look for is a heavy, dull, black, metallic ore—the now familiar pitchblende. It is most likely to be found as a vein running through surrounding rock, and it is from 50 to 80 per cent uranium. As good as pitchblende, although rarer, is uranite. You will find it, if at all, in a kind of granite-rock called pegmatite, where it appears as crystals up to three inches long. Third of the high-class uranium ores is carnotite. This is a secondary source of uranium, found only when some primary source such as pitchblende has been weathered out of its hiding place and deposited elsewhere. There are almost two dozen other uranium ores, most of which have difficult names and not much uranium. But anyone out to win \$10,000 offered by the AEC for a discovery would do well to study up on uranium mineralogy to learn about those ores.

May Top AEC Reward

The lucky ones in the new rush will stand to win far more than a \$10,000 reward. For one thing, the Atomic Energy Commission pays for the 20 tons that establish the claim at the going rate for uranium ore. For ore that contains 20 per cent uranium, the going rate is \$1,400 a ton minus the price of processing the ore. Richer ore, of course, brings more money. Or you can process the ore yourself and get \$3.50 a pound for the resulting uranium oxide. When you add this payment-by-the-pound onto the \$10,000 reward for the discovery of the high-grade deposit, you have something worth while. If you stake a claim or own the land on which the ore is found, you have a gold mine—1949 style.

Bums, Rippers Pace Plant Loop; Hit Balls Withdraw

(Continued From Page 3)
25 and 27 and league standing as of last Thursday follow:

Team	R H E									
Rippers	0	5	0	7	0	2	3	17	18	1
Bldg. 9212	1	0	3	0	0	0	2	6	8	5
Batteries: Rippers, Noe, Webber (4) and Dew. Bldg. 9212, Barker, Ford (4) and Wright, Barker (4).										
Isotopes	2	0	0	0	0	2	0	4	7	1
All Americans	1	0	2	0	0	3	x	6	7	1
Batteries: Isotopes, Love and Frazier. All Americans, Ross and Boatman.										
Bldg. 9212	2	0	0	0	0	0	0	2	5	1
Bums	0	1	0	5	0	0	x	6	7	1
Batteries: Bldg. 9212, Musten and Wallace. Bums, Walton and Brown.										
All Stars	0	4	0	2	0	1	0	7	10	1
Rippers	2	1	4	1	0	2	x	10	15	4
Batteries: All Stars, Tilson and Marrow. Rippers, Gordon and Noe.										
Isotopes	0	0	0	0	0	0	0	0	2	3
Bldg. 9212	0	1	1	0	2	3	x	7	14	2
Batteries: Isotopes, Love and Griffin. Bldg. 9212, Musten and Moses.										
All Stars	2	0	0	2	0	0	0	4	5	3
Bums	3	0	2	5	2	4	x	16	13	1
Batteries: All Stars, Tilson and Marrow. Bums, Walton and Hale.										
LEAGUE STANDING										
Team	W L Team			W L						
Bums	5	0	All Americans	2	2					
Rippers	3	0	Isotopes	2	3					
Bldg. 9212	3	2	All Stars	1	3					

The days are gone when you could peer through any one of 100 knotholes and see a ball game free—they're using that kind of lumber to put into \$27,000 homes.

Cards Play Stores Team On Thursday

Determined to make a good race of it in the second half of the Oak Ridge Baseball League, the Y-12 Cardinals are playing a greatly improved brand of ball from their first half standards and may be a definite threat in the league from now on out.

Manager Fred Kappelman will send his athletes against the strong and speedy Community Stores team at the new Gamble Valley ball orchard at 8:15 o'clock Thursday night. As the Cards had games scheduled with Clinton last Friday and K-25 last night, their ability to stand up to the rest of the six teams in the league may be demonstrated in these contests.

In their first two games of the second half the Cards split even. They dropped the AEC Patrol by the score of 6 to 3, but the Oak Ridge National Laboratory Nationals handled them a 14 to 4 trimming. Against the AEC outfit the Cards drew away in the final innings to post the victory as Johnson pitched seven-hit ball. Guttery got three for five and Noe two for five in this engagement. The ORNL team plunged to a big lead in the third inning and were never headed by the Cards in that scrap.

Scores, by innings of these two games follow:

Team	1	2	3	4	5	6	7	8	9	R	H	E
Y-12	1	0	1	0	0	0	2	0	2	6	9	2
AEC	0	0	1	0	0	0	1	0	1	3	7	4
Batteries: Y-12, Johnson and Noe. AEC, Davis, Talley (7) and O. Smith.												
Team	1	2	3	4	5	6	7	8	9	R	H	E
Y-12	0	2	0	0	0	2	0	0	0	2	9	5
ORNL	1	0	6	0	3	0	4	0	x	14	13	4
Batteries: Y-12, Prater, Kappelman (6) and Noe, Martin (5). ORNL, Lewellyn and West.												

Block For School Bus Is Expensive

Russell P. Diven is reported in a recent news dispatch from Lewistown, Pa., to have come out unsuccessful in a recent attempt to have a school bus stop in front of his home. The school board had refused to change a regular stop from several hundred yards from Diven's home to in front of the residence so Divens pounded spikes through a plank and put it in the road. The bus stopped—with a spike through a tire.

A justice of the peace then fined Divens \$11.25 and ordered him to pay for having the tire repaired. The bus still stops up the road from Diven's home.



THE THREE LOVELY ARTISTIC REASONS FOR PUBLISHING THE PICTURE ABOVE are, from left, Katherine Jenkins, Virginia Bowers and Betty Whitehorn, three well-known Y-12 girls. They were snapped enjoying a session at the Oak Ridge swimming pool recently and more photographic recording of their activities at the “beach” will appear in early editions of The Y-12 Bulletin.

Y-12 Photos By Vince Moore

Security May Be Endangered Without Intent, Declares AEC

(Continued from Page 1)

might be of value to another nation. Therefore, the commission denied declassification and in an interview with Mr. X discovered the existence of the 30 copies. The AEC then completed the laborious task of collecting the 30 copies and removing them from circulation.

Mr. X had no desire to injure the United States but certainly might have endangered the security of the country by not complying with the Atomic Energy Commission requirements that all articles or information concerning atomic energy being prepared for public release must be declassified through channels before the release can be obtained.

Information At Security Office

In every plant operated by the AEC, such as Y-12, there is a declassification procedure to follow. Any employee interested in this procedure and wishing to obtain release of information for publication or lecture purposes may obtain it from the Y-12 Security Office, North Portal, telephone 7125.

Two married couples were reminiscing past events.

“By the way, what became of the old-fashioned girls who fainted when they were kissed?” said one husband.

“What I'd like to know,” a wife retorted, “what became of the old-fashioned men who made them faint?”

Lockjaw and seasickness are a revolting combination.

Two little Negro boys were loitering on a street corner, when one said to the other:

“How old is you?”

“Ah's five,” was the reply.

“How old is you?”

“Ah don't know,” said the first one.

“You don't know how old you is?”

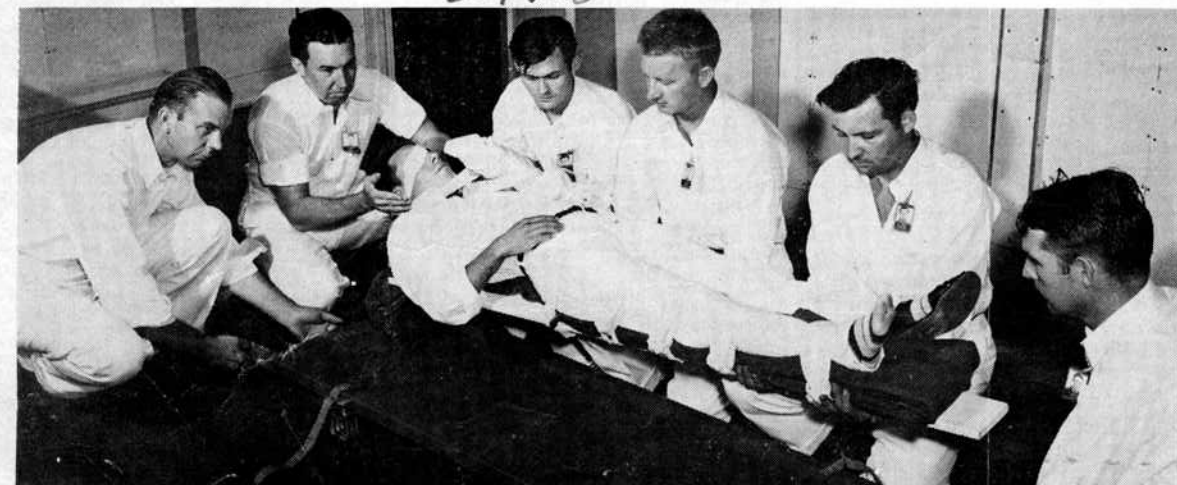
“Nope.”

“Does women botha' you?”

“Nope.”

“Youse fo'.”

Be sure all carpets or treads on stairs are firmly fastened.



Y-12 Photos By Vince Moore

A FIRST AID TEAM REPRESENTING THE MANUFACTURING OFFICES DIVISION IN Y-12 is shown above practicing for the second annual Carbide and Carbon Chemicals Corporation first aid contest to be held at Blankenship Field September 17. From left to right in the picture are Joe McMaster, A. V. Bible, Bill Plemons, B. N. Strunk, A. K. Self and Leon Brown. The patient is Bill Fowler, who is being lowered to a stretcher after being treated for a simulated crushed hand, injured eye and fractured leg.